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AMENDMENT UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE -  
EXAMINING GROUP 2819

**OFFICIAL**

TOWNSEND and TOWNSEND and CREW LLP

By: DJ Bogorodsky

DJ Bogorodsky

PATENT  
Attorney Docket No.: 015114-053400US  
Client Ref. No.: A610

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**RECEIVED  
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JUN 18 2004**

In re application of:

Roger May et al.

Application No.: 09/880,458

Filed: June 12, 2001

For: I/O CIRCUITRY SHARED  
BETWEEN PROCESSOR AND  
PROGRAMMABLE LOGIC PORTIONS  
OF AN INTEGRATED CIRCUIT

Customer No.: 26059

Confirmation No. 5231

Examiner: Vibol Tan

Technology Center/Art Unit: 2819

AMENDMENT UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE EXAMINING  
GROUP 2819

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action mailed March 25, 2004 on the above-referenced application, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 14 of this paper.

**OFFICIAL**

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**OFFICIAL**

PTO/SB/97 (08-00)

**RECEIVED  
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JUN 18 2004****CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8**

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In re: application of: Roger May et al.Application Number: 09/880,458Filed: June 12, 2001Confirmation Number: 5231Title: I/O CIRCUITRY SHARED BETWEEN PROCESSOR AND PROGRAMMABLE LOGIC PORTIONS OF AN  
INTEGRATED CIRCUITAtty Docket Number: 015114-053400US SJC/djb

Being faxed to Examiner: Vibol Tan Group 2819 at facsimile number 1-703-872-9306 are the following  
documents:

This PTO/SB/97 Certificate of Transmission (1 page);

PTO/SB/21 Transmittal Form (1 page);

PTO/SB/17 Fee Transmittal (1 page submitted in duplicate); and

After-Final Amendment (14 pages);

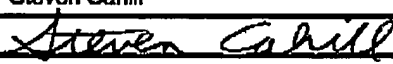
Number of pages being transmitted: 18


60243112 v1

fax ref. # 09562

PTO/SB/21 (02-04)

<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/880,458	
	Filing Date	June 12, 2001	
	First Named Inventor	May, Roger	
	Art Unit	2819	
	Examiner Name	Vibol Tan	
Total Number of Pages in This Submission	18	Attorney Docket Number	015114-053400US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> PTO/SB/17 Fee Transmittal (1pg submitted in duplicate) <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Amendment/Reply (14pgs) <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavit/declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/97 Certificate of Transmission (1pg) this PTO/SB/21 Transmittal Form (1pg)
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> CD, Number of CD(s)	
<b>Remarks</b> The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	Townsend and Townsend and Crew LLP	
Individual name	Steven Cahill	
Signature		
Date	June 18, 2004	
Reg. No.	44,578	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	DJ Bogorodsky	
Signature		Date June 18, 2004

60243110 v1

PTO/SB/17 (10-03)

**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1204

## Complete if Known

Application Number	09/880,458
Filing Date	June 12, 2001
First Named Inventor	May, Roger
Examiner Name	Vibol Tan
Art Unit	2819
Attorney Docket No.	015114-053400US

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid
38	-42** =	0		X\$16		\$0
Independent Claims		23	-9** =	14	X\$86	\$1,204
Multiple Dependent				X		

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 5	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)1204

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	860	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,610	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Sheet	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.128(e))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.128(h))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

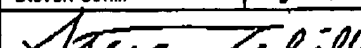
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Steven Cahill	Registration No. (Attorney/Agent)	44,578	Telephone	650-326-2400
Signature		Date	June 18, 2004		

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60243099 v1

PTO/SB/17 (10-03)

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1204

## Complete if Known

Application Number 09/880,458

Filing Date June 12, 2001

First Named Inventor May, Roger

Examiner Name Vibol Tan

Art Unit 2819

Attorney Docket No. 015114-053400US

## METHOD OF PAYMENT (check all that apply)

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☒ Deposit Account
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Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	395	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

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## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	35	~42** = 0	X\$18	\$0
Independent Claims	23	-9** = 14	X\$88	\$1,204
Multiple Dependent		X		

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1204	86	2204	43	** Reissue independent claims over original patent
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## FEE CALCULATION (continued)

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1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

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## SUBMITTED BY

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Steven Cahill

Registration No. (Attorney/Agent)

44,578

Telephone

650-326-2400

Signature

Steven Cahill

Date

June 18, 2004

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60243099 v1